

20010315.qrp v02_n128.qrl.20010315

Date: Thu, 15 Mar 2001 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2128

QRP-L Digest 2128

Topics covered in this issue include:

1) [94156] CLUB: Western Florida QRP Club (WestFLA) Meeting This Saturday 17-Mar-2001

by "Stephen D. Cohen" <scohen@tampabay.rr.com>

2) [94157] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

by Bill Stietenroth <k5zty@juno.com>

3) [94158] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

by "ZOOM" <kandrparker@sympatico.ca>

4) [94159] Re: DX and DSP

by "laura halliday" <marsgal42@hotmail.com>

5) [94160] Need Intersil 7226A

by "Mike Mullins" <mmullins@mastnet.net>

6) [94161] Re: [CQCLIST] Hiking

by Roger J Wendell <zeekzilch@juno.com>

7) [94162] Re: OPERATING - USS Kidd

by John Wagner <john@neknetwork.com>

8) [94163] Re: Need Intersil 7226A

by Brian Chesire <BCchesire@worldnet.att.net>

9) [94164] NEQRP CW Net, Thursday, 15 Mar 01, 9:00PM EST, 3.561 MHz

by Chuck Ludinsky <cjl@mitre.org>

10) [94165] Fun QRP Sprint on March 26

by Ken Newman <N2CQ@citnet.com>

11) [94166] Fw: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

by Don KC0GMF <donkc0gmf@juno.com>

12) [94167] slightly OT: question about "emergency channels"

by Jeff Stai WK6I <jstai@home.com>

13) [94168] FOX: Cub Hunt - Top Hound

by John Wagner <john@neknetwork.com>

14) [94169] Re: Cub Hunt - Top Hound

by "TC Dufresne" <tdufres@radiks.net>

15) [94170] OT amplifier question

by Gary Halpern <gary.halpern@sympatico.ca>

16) [94171] RE: Cub Hunt - Top Hound

by "David Bixler" <qrp@netins.net>

17) [94172] QRP items for sale

by Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>

18) [94173] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

by "Steve Sorrell" <ap036@detroit.freenet.org>

- 19) [94174] NO MORE Manhattan Style Construction - XYLs orders
by Darrel Swenson <k0awb@tconl.com>
- 20) [94175] Laura's end bits VBG *8>)
by Euramcom <mel@euramcom.freeseve.co.uk>
- 21) [94176] Re: slightly OT: question about "emergency channels"
by "Mike Yetsko" <myetsko@insydesw.com>
- 22) [94177] Re: NO MORE Manhattan Style Construction - XYLs orders
by K4YBB@aol.com
- 23) [94178] Spectral Analysis of DSP
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [94179] OT: Who is list manager?
by Thomas Jennings <jennings@shell1.eznet.net>
- 25) [94180] Re: NO MORE Manhattan Style Construction - XYLs orders
by Curt Milton <wb8yyy@yahoo.com>
- 26) [94181] Pin Diode Switching Question
by The Duffer <hduff@ica.net>
- 27) [94182] Re: 500 v. 250 Filter Question
by Bill Coleman <aa4lr@arrl.net>
- 28) [94183] Re: 500 v. 250 Filter Question
by Bill Coleman <aa4lr@arrl.net>
- 29) [94184] CW Coder for HTX-10
by "Tom Dufresne" <tdufres@hotmail.com>
- 30) [94185] CA3020 in UK
by Jack Bennett <J.Bennett@lboro.ac.uk>
- 31) [94186] Re: What does it mean?
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
- 32) [94187] Re: 500 v. 250 Filter Question
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 33) [94188] UniSolar Flex Panel Question
by "Adams, Mark" <madams@facilities.buffalo.edu>
- 34) [94189] Re: QRP kits for sale
by Bill Jones <kd7s@psnw.com>
- 35) [94190] K2 for sale
by Brien Pepperdine <pepperb@gov.on.ca>
- 36) [94191] Kite Antenna
by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
- 37) [94192] Re: NO MORE Manhattan Style Construction - XYLs orders
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 38) [94193] Re: Kite Antenna
by "Richard Matthews" <prm@hiwaay.net>
- 39) [94194] Re: NO MORE Manhattan Style Construction - XYLs orders
by "Brian" <bmurrey@amexol.net>
- 40) [94195] RE: [CQCLIST] Hiking
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 41) [94196] Re: Pin Diode Switching Question
by "Steven Weber" <kd1jv@moose.ncia.net>
- 42) [94197] RE: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
by <schoon@amgt.com>

- 43) [94198] RE: NO MORE Manhattan Style Construction - XYLs orders
by <schoon@amgt.com>
- 44) [94199] Re: UniSolar Flex Panel Question
by Jim Cluett <w1pid@yahoo.com>
- 45) [94200] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
by RangerSF5@aol.com
- 46) [94201] Rambling on
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
- 47) [94202] Fw: Re: NO MORE Manhattan Style Construction - XYLs orders
by Robert G Seymour <bobsey1@juno.com>
- 48) [94203] Epiphyte
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 49) [94204] AL7FS in Nagoya Japan for two weeks?
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 50) [94205] QSL route-finder via email
by John Harper AE5X <ae5x@qsl.net>
- 51) [94206] Verizon (GTE) mail down..
by "James Parsons" <res075cz@gte.net>
- 52) [94207] qrp-l archive files
by Rick Robinson <rerobins@email.uncc.edu>
- 53) [94208] Re: UniSolar Flex Panel Question
by Jeff Grudin <grudin@vdbbs.com>
- 54) [94209] Elucidation for QRP kits Micro-80
by Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>
- 55) [94210] Virginia QSO Party
by Bill ROWLETT <kc4atu@yahoo.com>
- 56) [94211] Re: Pin Diode Switching Question
by KF4YYD@aol.com
- 57) [94212] Re: Spectral Analysis of DSP
by Somerville <somerville@uniserve.com>
- 58) [94213] Re: Fun QRP Sprint on March 26
by agtaylor@llnl.gov
- 59) [94214] Re: Spectral Analysis of DSP
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 60) [94215] FOX: Final data
by "Tom" <n1tp@worldnet.att.net>
- 61) [94216] WTB: MP-1 or PW-1 & ZM-2.
by "Kelly Ellison" <kelman@dialnet.net>
- 62) [94217] Re: FOX: Final data
by "Chuck Carpenter" <w5usj@globeco.net>
- 63) [94218] Re: Pin Diode Switching Question
by "Phil (VA3UX)" <phil@vaxxine.com>

Date: Wed, 14 Mar 2001 19:00:27 -0500

From: "Stephen D. Cohen" <scohen@tampabay.rr.com>

To: "QRP-L Mailing List" <qrp-l@lehigh.edu>, "Jim Huhta" <aa4md@amsat.org>, "Jim

Gerhart" <kd4rml@gte.net>, "Warren Elly" <w1gud@tampabay.rr.com>,
"Garry Allen" <k4cyc@hamclub.org>, "Sean Dougherty" <kg4evw@arrl.net>, "Lee
Seeley" <w4ckt@arrl.net>, "Brian Wenholtz" <af4sr@hamclub.org>,
Subject: [94156] CLUB: Western Florida QRP Club (WestFLA) Meeting This Saturday
17-Mar-2001
Message-ID: <NDBBJALMDCJHFFPJMMFKIEFKEPAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

The next meeting of the Western Florida QRP Club (WestFLA) will be held this Saturday, the 17th of March at the Tampa Amateur Radio Club (TARC) clubhouse in Tampa, FLA. The meeting will begin about 10 AM local time (1400 UTC) and will end when everybody has had enough.

The meetings are run on the NorCal structure, or put another way, without structure. Folks just turn up and show off their projects, or put them on the air (The TARC clubhouse has a tri-bander and a GAP Vertical) or lie about the DX that got away or show off pictures of the grand-kids or get help aligning a radio or whatever. Someone will bring donuts and coffee will be provided (somehow). The TARC facility is nice this way, as they have a full kitchen.

For directions to the TARC clubhouse, simply have a look at:

<http://www.qsl.net/westfla>

You will find a link there to the TARC web page and directions to the clubhouse. The web page also has some pictures from our first meeting, if you would like to get a feel for how they run. If you are interested in attending and you are web challenged, just drop us a line at westfla@qsl.net and we will e-mail directions your way.

I will bring a signal generator, counter and oscilloscope, so if you need help aligning a recent project or debugging something, we will have the correct tools. I can probably even be of some help myself, though I suspect that Mike Maiorana will be more helpful in most debugging ventures. Either way, we can provide some help.

Bud Murphy, AC4MY will be kicking off his Warbler PSK-31 on 80M radio building project this Saturday. Bud bought 10 of these kits speculatively and expects to resell them to people who want to learn to build kits (in general) or build a Warbler (in particular). If you are interested in one

of these kits, get in touch with Bud at ac4my@arrl.net.

Now you know what *I'm* going to bring, what are you going to bring? Well, enough blathering, it's time to get this message out to the world. Hope to see you on Saturday.

73,

Steve, NF4X

Date: Wed, 14 Mar 2001 18:11:44 -0600
From: Bill Stietenroth <k5zty@juno.com>
To: rerobins@email.uncc.edu
Cc: qrp-1@Lehigh.EDU
Subject: [94157] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
Message-ID: <20010314.182024.-3953991.0.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Oh yeah,,,, That cleared everything up.

Bill, K5ZTY,
Houston,TX

On Wed, 14 Mar 2001 09:53:44 -0500 Rick Robinson
<rerobins@email.uncc.edu> writes:
> I just ran Laura's sig through freetranslation.com
>
> Que les nuages soient notre pied a terre What the clouds be our
> foot has
> earth
>
> OK, I understand now.
>
> 72,
>
> Rick kf4ar
>
>
>
>
>

Date: Wed, 14 Mar 2001 18:47:08 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <kandrparker@sympatico.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94158] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
Message-ID: <007b01c0ace1\$15817a80\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't mind an unrelated post from time to time and the recipient responding but there were many that responded to this unrelated post. Most who didn't have a clue what it meant.

To all those who sent me nasty e-mails:

1. I question if your serious about this NG.
2. I'm sure I'm not the only one that was somewhat frustrated deleting the unrelated posts.
3. Allowing this type of free for all will kill this NG!
4. If you don't agree, don't send me any more of your profane e-mails. I didn't think adults could act this way.

Now lets talk some QRP!

Regards,
Robert
VE3RPF

----- Original Message -----

From: "ZOOM" <kandrparker@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 14, 2001 3:50 PM
Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

> ENOUGH!
> Who cares?
> Can't you all reply off line?
>
>

> ----- Original Message -----

> From: "Rick Robinson" <rerobins@email.uncc.edu>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, March 14, 2001 9:53 AM
> Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
>
>
> > I just ran Laura's sig through freetranslation.com
> >
> > Que les nuages soient notre pied a terre What the clouds be our foot
> has
> > earth
> >
> > OK, I understand now.
> >
> > 72,
> >
> > Rick kf4ar
> >
> >
> >
> >
> >
> >
> >
>

Date: Thu, 15 Mar 2001 00:50:03
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [94159] Re: DX and DSP
Message-ID: <F57TbdkSmLAztxc1o8y0000003e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Karl K5DI wrote:

>(snip)
>I copied him fine and and for fun I turned off the DSP
>filter and there was a strong carrier about 600 Hz away
>and the DSP made it disappear...

This is, quite literally, a textbook application of
adaptive filtering (see, for example, Haykin).

A common adaptive filter can tell the difference between
signals by their auto-correlation. That is, it compares
successive samples. If the signal is random (i.e. noise),
the successive samples have no relationship to each

other and cancel each other out. If the signal is not random, the relationship is non-zero. An adaptive filter can then zero in on the non-random part of the signal and enhance it, or, by flipping a plus sign to a minus sign, notch out a carrier.

Another common application is when the signal and noise occupy the same frequencies, so a bandpass filter cannot separate them. But an adaptive filter can, because they have different statistical properties. My weather satellite program, for example, uses an LMS adaptive filter to reduce noise on APT downlinks.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Wed, 14 Mar 2001 19:14:13 -0600
From: "Mike Mullins" <mmullins@mastnet.net>
To: "QRP-L post message" <qrp-l@lehigh.edu>
Subject: [94160] Need Intersil 7226A
Message-ID: <001301c0aced\$65d728c0\$1c468bd8@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

By any chance, does anyone out there have a spare Intersil 7226A frequency counter IC (40 pin DIP)? I'd be happy to pay a reasonable price, or, I have a 7226B which I'd be happy to exchange.

I let the smoke out of one in my homebrew counter, and I need it to test some xtals. Two sellers list it in their catalog (DigiKey and Newark) but neither actually has one, and they don't know when one will be available. If I can't find one, I'll have to get serious about that PIC frequency counter project.

73 de Mike KD5CMN

Date: Wed, 14 Mar 2001 18:56:08 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: CQCLIST@yahoogroups.com
Cc: CQCLIST@yahoogroups.com, qrp-1@lehigh.edu
Subject: [94161] Re: [CQCLIST] Hiking
Message-ID: <20010314.185612.-425421.0.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Brad,

As a parent myself I can appreciate your concern. Nevertheless, I would discourage him from taking any electronic equipment so that he can learn to enjoy the real world (what's left of it) for what it is. Also, despite his strength, he'll grow to resent any extra weight that isn't absolutely vital to the mission.

WB0JNR
<http://www.ZeekZilch.com>

On Wed, 14 Mar 2001 16:41:35 -0700 "Mugleston, Brad"
<brad.mugleston@gwl.com> writes:
> My son is thinking of hiking about 150 miles of the Colorado Trail
> this
> spring. Does anyone know if there are any repeaters that he could
> hit along
> the way? If so what parts of the trail are available and what
> frequency(s)?
> I'd feel much better if he could take along something to phone home
> with
> once in awhile (Yes, I know when I was his age I would disappear
> for weeks
> at a time and never checked in but that was then and this is now).
>
> He could take along a CW rig but that gets even more iffy in making
> a
> contact and more weight to carry (but he's strong - his dad would
> feel
> better, maybe my TS-830S, a big deep cycle battery and a beam)
>
> de KI00T, Brad
> Father to KB0SJY, Derek
>
> ----- Yahoo! Groups Sponsor
> ----->
> Make good on the promise you made at graduation to keep
> in touch. Classmates.com has over 14 million registered

> high school alumni--chances are you'll find your friends!
> <http://us.click.yahoo.com/l3joGB/DMUCAA/4ihDAA/EeOVlB/TM>

>

-----_->

>

> To unsubscribe from this group, send an email to:
> CQCLIST-unsubscribe@egroups.com

>

>

>

> Your use of Yahoo! Groups is subject to
> <http://docs.yahoo.com/info/terms/>

>

>

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 14 Mar 2001 20:44:24 -0500

From: John Wagner <john@neknetwork.com>

To: giamman@rouge.phys.lsu.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [94162] Re: OPERATING - USS Kidd

Message-ID: <3AB01E78.CAB1FC9B@neknetwork.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Nice job Jim, it was great to hear you on the air.

Just prior to working you, I worked OX3FV, Kim in Greenland on 14.060.

Kim got a few calls after me, so I figured you would be "one up" and left my rig tuned to 14.061 - sure enough, there you were!

Thanks for the QSO from The USS Kidd - a 2xQRP one at that. I wasn't in the Navy (8 years in the Air Force actually), but it was a real thrill to have a QSO with a station on a ship.

Worked both Q's from my FT-817 w/5w to an 80m full-wave horz loop fed with ladder line.

73,

John, KB1ENS

Jim Giammanco wrote:

>
> I made it to the ship with my K-2 with the new KAT2 installed and gave
> it a shakedown cruise. Tuned up the end-fed wire antenna under 2:1, so
> good enough.
>
> The Log:
>
> KG4GCZ, Brian, TN
> W2HDW, Ed, NJ
> K8OAN, Jerry, WV
> W3PO, Pat, Annapolis MD (how's that for a random QSO with a Navy ship)
> K1KID, Carl, MA (this is real twilight zone stuff now)
> KB1ENS, John, VT (I recognize as a QRP-L member)
> W5USJ, Chuck, TX (another QRP-Ler)
> all the above 14061 CW, 5 W
>
> KC2AXU, Werner, NY
> W6DJY, Lon, CA (at the the Kenwood Club on a TS-2000)
> W6BYK, Al, CA
> W1GNK, Jim, CT
> WA9QWX, Ron, AZ
> these above on 28440 ssb, 10 W PEP
>
> A nice afternoon break. Especially nice to work list members, and cool
> to work the TS-2000 - latest storebought rig to the best kit rig - BTW
> he gave me the same RST I gave him :^))
>
> Hope to get to work more of you another time
>
> 72,
> Jim N5IB

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Wed, 14 Mar 2001 19:03:06 -0700
From: Brian Chesire <BCchesire@worldnet.att.net>
To: mmullins@mastnet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [94163] Re: Need Intersil 7226A
Message-ID: <3AB022DA.F3D20DA7@worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought some a little while back from Alltronics. I think they are the only source right now. Harris had the line and now has split it off and Intersil (the original manufacturer) has been reincarnated. I know what you mean, I could find 7226B's but Alltronics was the only source that had the 7226A. <http://www.alltronics.com/> I didn't find it on thir web site but it is still in their last catalog.

Brian WA5PP0
Tucson AZ

Date: Wed, 14 Mar 2001 22:08:58 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [94164] NEQRP CW Net, Thursday, 15 Mar 01, 9:00PM EST, 3.561 MHz
Message-ID: <3AB0324A.CBD3344E@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 15 March 2001, at 9:00 PM EST (0200Z, 16Mar 01) on or near 3.561 MHz. Net control operator for this week's 80M session will be Chuck, K1CL, operating from Chelmsford, MA.

Net control op for last week's CW session was Dennis, K1LGQ, operating from Brookline, NH. Dennis reported: "Conditions were not too bad with occasional bursts of QRM. Overall, all signals were great and easy to copy. The following is the total check-ins for March 8, 2001:

AB8DF	Ed in Waterford, MI	RST - 599
W1CFI	Paul in Falmouth, MA	RST - 579
K1CWZ	Spi in Nashua, NH	RST - 589
WB4OFT	John in Advance, NC	RST - 559
WB1HBE	John in Chelmsford, MA	RST - 599
N1ZSW	Ron in Worcester, MA	RST - 599
K1RC	John in Dracut, MA	RST - 599
KD1YV	Jim in Bethel, CT	RST - 599

Everyone did a wonderful job checking into the net and I am glad you were there. Don't forget the last weekend of this month is the winter meeting at ARRL Headquarters in Newington, CT. (March 31st Saturday at 9 A.M.) The theme for this year is "Bring A Friend." Also, for discussion will be QRP AFIELD, club project(s), new gear on the

market...kits, commercial QRP radios and your homebrew. Bring it all and more.

Thank you and 72 from New Hampshire,
Dennis Marandos - K1LGQ"

72 DE K1CL,
Chuck

Date: Wed, 14 Mar 2001 22:27:55 -0500
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [94165] Fun QRP Sprint on March 26
Message-ID: <3.0.6.32.20010314222755.0084f680@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,

Do you have the Spring QRP Homebrewer Sprint on you operating calendar? This short but sweet sprint on Sunday evening 3/25 promoting PSK31 and home brewed and kit equipment can still be fun with comercial equipment. Did I mention that there will be prizes? The number of entries will bring on the number of prizes. The more the better. Check it out below and plan to be there!

=====
*** Spring QRP Homebrewer Sprint***

Mission: Promote homebrewed/homemade equipment on the air together.
(Warblers too!) Anyone with ANY equipment can enter.

Sponsor: New Jersey QRP Club
<http://www.njqrp.org/data/qxphomebrewersprint.html>

When: March 26, 2001 0000-0400 UTC (Last Monday of March)
(Sunday evening in US/Canada)

Modes: CW and PSK31. (Both modes considered separate bands)
QRP CW and PSK31 frequencies recommended.

Exchange: RST - State/Province/Country - Power out

QSO Points:

- 2 Commercial Equipment
 - 3 Homebrew Xmtr or Rcvr
 - 4 Homebrew Xmtr AND Rcvr or Xcvr
 - 5 Homebrew PSK31 station
- (Kits are ok for homebrew)

Power Mult: 0-250 MW = x 15, 250MW-1W = x10, 1-5W = x7, >5W = x1.
(The highest power used during the contest for the mult.)

Multiplier: State/Province/Country for all bands. The same station may be worked on more than one band for QSO points and SPC credit. CW and PSK31 are considered separate bands.

SCORE: Points(total for all bands) X SPC (total for all bands) X power multiplier.

AWARDS: A PSK80 "Warbler" kit will be awarded for first place if sufficient entries. Other awards will be provided based on the number of entries received (subscriptions to "QRP Homebrewer" and single issues). Special certificates will be awarded to all participants.

LOGS: Entries must be received by 30 days from the contest. The log sheets and summary should be included. E-mail logs are accepted in text form. (No word processor files etc). Also paper logs are ok.

Please include your Soapbox info with your equipment and exploits.

Send logs to:

Ken Newman, N2CQ
81 Holly Drive
Woodbury, NJ 08096

N2CQ@ARRL.NET for e-mail.

72,
--Ken Newman, N2CQ, n2cq@arrl.net
and George Heron, N2APB, n2apb@amsat.org

Date: Wed, 14 Mar 2001 21:30:52 -0600
From: Don KC0GMF <donkc0gmf@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [94166] Fw: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
Message-ID: <20010314.213053.-450797.0.DonKC0GMF@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hear Hear! Obviously many people were interested. Thank you Laura and all of you who did write to me off line with your ideas.

Don KC0GMF
"CW, the Boot Camp of Amateur Radio"
DonKC0GMF@juno.com

----- Forwarded message -----
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Wed, 14 Mar 2001 13:43:49 -0800
Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
Message-ID: <002e01c0accf\$dc5d8ca0\$9cb8e5d8@blinn>

Well, I for one, am certainly glad Laura responded ON LINE. I've been curious from the first time I saw this interesting little bit after her signature. Now I know.

Bill - WA7TQK

-----Original Message-----
From: ZOOM <kandrparkar@sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, March 14, 2001 1:04 PM
Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

>ENOUGH!
>Who cares?
>Can't you all reply off line?

>
>

>----- Original Message -----
>From: "Rick Robinson" <rerobins@email.uncc.edu>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Sent: Wednesday, March 14, 2001 9:53 AM
>Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

>
>

>> I just ran Laura's sig through freetranslation.com

>>
>> Que les nuages soient notre pied a terre What the clouds be our
foot
>has
>> earth
>>
>> OK, I understand now.
>>
>> 72,
>>
>> Rick kf4ar
>>
>>
>>
>>
>>
>
>

--

Date: Wed, 14 Mar 2001 19:31:34 -0800
From: Jeff Stai WK6I <jstai@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [94167] slightly OT: question about "emergency channels"
Message-ID: <3AB03796.D1730E43@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi - I vaguely recall reading here about a designated emergency channel
for FRS radios, but I can't find it in my searches.

I am familiar with the 2m FM Wilderness Protocol, but I figure if
we are out in the field, we can be listening anywhere it could help...

thanks! - jeff wk6i

--

jeff stai
radio stuff: WK6I in DM13
rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.
email: jstai@home.com or wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

LDRS web page: <http://www.ldr20.org/>

Date: Wed, 14 Mar 2001 22:36:51 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [94168] FOX: Cub Hunt - Top Hound
Message-ID: <3AB038D3.4BC6F25F@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The top hound for this winters Cub Fox Hunt is: Mac, AF4PS with 36 out of a possible 40 pelts. WAY TO GO!!!!

Second and third place both had the same number of pelts. The winner was decided by adding up the total time it took each hound to get a pelt. The hound who did it fastest broke the tie:

Second place goes to W9WIS, who pelted 35 times in 3380 minutes.

Third place goes to W0CH, who pelted 35 times in 3484 minutes.

Fourth place goes to K0EVZ with 33 pelts.

Fifth place goes to K9IUA with 32 pelts.

For the foxes, there is no clear way to decide a "winner." Some foxii had as many as 5 hunts, while others as few as 1 hunt. W8RU had the best single hunt, giving out 70 pelts. W8RU also had the highest average, giving out an average of 49 pelts per hunt.

The scoring site at: <http://www.neknetwork.com/foxcub2000/> is up-to-date, you can peruse the info there yourself and download time lapse maps of all the hunts. I will leave the site up for another 4 weeks or so.

Finally: Thank you to everyone who made the cub hunt such a great success, especially the hounds who showed up night after night.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Thu, 15 Mar 2001 04:15:27 -0000
From: "TC Dufresne" <tdufres@radiks.net>
To: <john@neknetwork.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94169] Re: Cub Hunt - Top Hound
Message-ID: <014301c0ad06\$92f7db60\$0501a8c0@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim:

Excellent work! I printed out my "pelt count" as soon as I could. This represents a lot of work and I know I speak for lots of us hounds when I say thank you vry much, Jim! FB Work!

DE KCOGXX

dit dit

----- Original Message -----

From: "John Wagner" <john@neknetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 15, 2001 3:36 AM
Subject: FOX: Cub Hunt - Top Hound

> The top hound for this winters Cub Fox Hunt is: Mac, AF4PS with 36 out
> of a possible 40 pelts. WAY TO GO!!!!
>
> Second and third place both had the same number of pelts. The winner was
> decided by adding up the total time it took each hound to get a pelt.
> The hound who did it fastest broke the tie:
>
> Second place goes to W9WIS, who pelted 35 times in 3380 minutes.
>
> Third place goes to W0CH, who pelted 35 times in 3484 minutes.
>
> Fourth place goes to K0EVZ with 33 pelts.
>
> Fifth place goes to K9IUA with 32 pelts.
>
> For the foxes, there is no clear way to decide a "winner." Some foxii
> had as many as 5 hunts, while others as few as 1 hunt. W8RU had the best
> single hunt, giving out 70 pelts. W8RU also had the highest average,
> giving out an average of 49 pelts per hunt.
>
> The scoring site at: <http://www.neknetwork.com/foxcub2000/> is
> up-to-date, you can peruse the info there yourself and download time
> lapse maps of all the hunts. I will leave the site up for another 4

> weeks or so.
>
> Finally: Thank you to everyone who made the cub hunt such a great
> success, especially the hounds who showed up night after night.
>
> 73,
>
> John, KB1ENS
> --
> John Wagner - john@neknetwork.com
> Web page: <http://www.neknetwork.com>

Date: Wed, 14 Mar 2001 23:33:58 -0500
From: Gary Halpern <gary.halpern@sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94170] OT amplifier question
Message-ID: <3AB04635.CB65F6EB@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The amp in my Altec Lansing ACS 45.1 computer speaker system suffered a voltage spike, went hummy and then died. I can no longer hear the diddles from my PSK-20.

The folks at Altec Lansing are no help as they claim they have no schematics.

Does anyone know where I could obtain a schematic. Thanks.

Gary
VA3GH

Date: Wed, 14 Mar 2001 22:59:51 -0600
From: "David Bixler" <qrp@netins.net>
To: <john@neknetwork.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94171] RE: Cub Hunt - Top Hound
Message-ID: <IJEEJMKECFBFMJOPDBJNCEDPCFAA.qrp@netins.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

John:

Thanks for the "extra effort" you did in keeping up with the foxes and hounds. Your scoring web site is first class - one of the best QRP sites on the web.

The Cub Hunts were both fun and (I hope) educational and should have helped many foxes and hounds gain valuable operating experience. I hope that we can do it again next season.

Again, thanks and 72

Dave

David Bixler W0CH - VK2IQX
Seneca, Missouri

Main Web Site: <http://www.qsl.net/w0ch/>
Mirror Web Site: <http://showcase.netins.net/web/w0ch/>
<mailto:w0ch@arrl.net>

QRP: Little Radios, Big Fun!

Date: Wed, 14 Mar 01 19:58:06 +0300
From: Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>
To: qrp-1@lehigh.edu
Subject: [94172] QRP items for sale
Message-ID: <984600470@p11.f35.n5036.z2.ftn>

Correction for my adverticement of "Micro-80" PCB and full kit of parts:
!!! The pay is NOT cash !!! Pay by bank' system Western Union to:
Oleg V. Borodin
Lipetsk, Russia
and inform me Net-mailing a number of transfer and your address/name:
Oleg.Borodin@p11.f35.n5036.z2.fidonet.org
The best wishes!
eng. Oleg V. Borodin 14 p 2001 19:58
... God keep & bless you...

Date: Thu, 15 Mar 2001 05:56:24 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>

To: <donkc0gmf@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94173] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
Message-ID: <001e01c0ad14\$af0893e0\$a0fa070a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Excuse me, I thought I was subscribed to QRP-L, which was supposed to be amateur related QRP discussion. Evidently, I've subscribed to the wrong reflector, can anyone tell me where the QRP reflector is now located???
de Steve, W8SFF

Date: Thu, 15 Mar 2001 02:07:45 -0600
From: Darrel Swenson <k0awb@tconl.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94174] NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <3AB07851.613B309C@tconl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well... My Manhattan style construction is over... IA-QRP10 is 1/2 done and FOR SALE... XYL's orders...!

While working on the project this evening... the small tube of "Krazy Glue" probably rolled off my work bench and onto the floor. Two to three minutes later when I wanted to glue down the next pad... I was unable to find the glue!

It is now 5 hours later... We still have not found the tube of "Krazy Glue."

Our best guess is that my wife's PRIZE "Shetland Sheep Dog" ('Sheltie'... her hobby...!) spotted the glue under my chair... thought it was a treat... and 'wolfed it down.'

After a trip to the 'doggie emergency room'... x-rays... etc... I still have to take the dog back to the vet in the morning for more x-rays...

My billfold is a LOT LIGHTER... and more to come... (Dogs are not covered under health insurance...)

No sign of the glue tube yet... but my shack is in a shambles... (I have looked EVERYWHERE!!) and still no glue tube... I know a lot more about a

dogs intestinal track than I ever wanted to...!

The good news is the glue is not toxic... The bad news is it is not stomach acid soluble... if it leaks... it sticks... (can you spell SURGERY...!)

The K2 or the 817 is looking awful cheap at this point...

I liked the pride of construction... but I really like that dog too!!!

If you have small children, PLEASE BE REALLY CAREFUL WITH THE SUPPER GLUE...
(enough said)

72... Darrel... KOAWB...

Date: Thu, 15 Mar 2001 10:04:52 +0000
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [94175] Laura's end bits VBG *8>
Message-ID: <E14dUiK-0001iV-00.2001-03-15-10-10-37@cmailg6.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>

>On Wed, 14 Mar 2001 15:50:05 -0500, kandrparker@sympatico.ca=3D

> wrote:

>>ENOUGH!

>>Who cares?

>>Can't you all reply off line?

>>

>>

>>----- Original Message -----

>>From: "Rick Robinson" <rerobins@email.uncc.edu>

>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>>Sent: Wednesday, March 14, 2001 9:53 AM

>>Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

>>

>>

>>> I just ran Laura's sig through freetranslation.com

>>>

>>> Que les nuages soient notre pied a terre What the clouds=
be=3D

> our
>>>foot
>>has
>>> earth
>>>
>>> OK, I understand now.
>>>
>>> 72,
>>>
>>> Rick kf4ar
>>>
>>>
>>>
>>>
>>>
>>>
>
>Fine Laura,
>
>I remember Django?
>
>("In" musical line)(would guess Nils knows what I mean - - -us
>wierdos stick together-um)
>
>Regards
>
>Mel
>
>Lang may yer lum reek!
>

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Thu, 15 Mar 2001 06:38:15 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jstai@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94176] Re: slightly OT: question about "emergency channels"

Message-ID: <003f01c0ad44\$6eb968c0\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There is NO designated 'emergency channel' for FRS.

It's a pretty stupid idea if you think about it.

Why?

Consider the range...

Consider the number of channels...

Consider the number of channels on some radios (There are a LOT of single channel and 3 channel radios out there.)

The discussions of an 'emergency channel' for FRS comes up all the time, usually from groups trying to 'make important'.

If you need to monitor FRS for emergencies, you're gonna just plain have to monitor it all, (a whopping 14 channels) with NO PL. If you want to USE FRS for emergencies, just plain use what you got, and try to find someone.

Mike

----- Original Message -----

From: Jeff Stai WK6I <jstai@home.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, March 14, 2001 10:31 PM

Subject: slightly OT: question about "emergency channels"

>
> hi - I vaguely recall reading here about a designated emergency channel
> for FRS radios, but I can't find it in my searches.
>
> I am familiar with the 2m FM Wilderness Protocol, but I figure if
> we are out in the field, we can be listening anywhere it could help...
>
> thanks! - jeff wk6i
> --
> jeff stai
> radio stuff: WK6I in DM13
> rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.

> email: jstai@home.com or wk6i@arrl.net
> ROC web page: <http://www.rocstock.org/>
> LDRS web page: <http://www.ldr20.org/>
>

Date: Thu, 15 Mar 2001 07:21:17 EST
From: K4YBB@aol.com
To: k0awb@tcon1.com, qrp-1@lehigh.edu
Subject: [94177] Re: NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <da.3aa9196.27e20dbd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/15/01 3:10:10 AM Eastern Standard Time, k0awb@tcon1.com writes:

<< qrp-1@Lehigh.EDU >>

I realize that a lot of folks place a high value on their pets, but a DOG that is more important than HAM RADIO. NOT in my house!!!!

73

Jim K4YBB

Date: Thu, 15 Mar 2001 05:50:02 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [94178] Spectral Analysis of DSP
Message-ID: <Pine.LNX.4.31.0103150529160.802-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm getting the strong feeling that the method I used to measure K-2 and Kenwood filters will not work for the Adaptive Filter found in DSP filters.

The method used on standard filters is to send noise into the receiver which has a flat amplitude across the band. Then measure the amount of noise getting through the filter with the "Gram" software in a computer also using DSP adaptive filters made from the Sound Card.

I'm thinking the 2 DSP units, my RS filter and the Sound Card are not capable of displaying a proper amplitude vs frequency plot of the RS filter's. Even a good Techtronics spectrum analyser may not see the right thing with noise as the receiver input.

After all, the DSP unit is taking the wide input from your receiver's audio output and throwing away frequencies outside a narrow band you switch select to hear. Or, it correlates on carrier signals that change very slowly, and suppress it. But what it does for a strong flat noise is a mystery to me.

Maybe I need a weak noise....

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 15 Mar 2001 08:43:39 -0500
From: Thomas Jennings <jennings@shell1.eznet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94179] OT: Who is list manager?
Message-ID: <20010315084339.A30215@shell1.eznet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Who is the list manager? I have a problem with the list and sent a few messages to manager@qrp.Lehigh.EDU but no action or reply to my problem. Thanks for any help.
73,
Tom, kv2x

Date: Thu, 15 Mar 2001 05:49:50 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: k0awb@tcon1.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94180] Re: NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <20010315134950.43405.qmail@web9603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Darrel, i'm sure many of us sympathize with the real life scenario here. next trip to the discount store get yourself a clear plastic bin with a tight lid that's ideal sized for holding your project, the necessary adhesive and small tools involved. that is ... after the dog is found indeed to be well. meanwhile, the creature and the xyl need your patience until its safe to get back to things. everyone will calm down when you get there.

73, curt wb8yyy

Do You Yahoo!?

Yahoo! Auctions - Buy the things you want at great prices.
<http://auctions.yahoo.com/>

Date: Thu, 15 Mar 2001 10:01:48 -0500
From: The Duffer <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [94181] Pin Diode Switching Question
Message-ID: <3AB0D95C.CFD92BC4@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone on the list have experience with PIN diode RF switching ?

I want to design an RF switch for a 75 watt transceiver. Because of the required switching time (< 1mS), a relay is out of the question so here is my chance to play with PIN diodes. The way I see it, I will need high voltage to bias the RX diode negatively (keep it turned off) during TX and visa-vis (less so during RX). i.e., at 75 watts RF, you need 50 or 60 volts to bias the opposite diode in the off state.

The overhead of having to design a separate high voltage power supply section just to deal with the PIN diodes seems a little extreme. Is there a better/ easier way to do this ?

Thanks,
Hugh VA3TO

Date: Thu, 15 Mar 2001 10:45:24 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <henryf@quartz.gly.fsu.edu>, "QRP" <qrp-1@Lehigh.EDU>
Subject: [94182] Re: 500 v. 250 Filter Question
Message-ID: <200103151544.KAA07319@mail3.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 3/13/01 10:24, Henry Freedenberg at henryf@quartz.gly.fsu.edu wrote:

>I am suprised at the reprot of ringing in the DSP filters. Seems to me
>that you are convolving your incoming signal with the filter operator.
>The resultant should be clean. Even if ringing did exist, it should
>be easy enough to clean up. Guess the problem is in the ear of the
>listener.

It depends on the type of filter. As I mentioned in another message, FIR filters do not ring, but require many taps (which delays the signal).

Infinite Impulse Reponse (IIR) filters can ring, since the output is fed back into the input of the filter. Ringing characteristics are very much dependant on the nature of the filter coefficients in the feedback path.

So why use IIR instead of FIR filters? Well, you can get sharper responses with less DSP CPU power with an IIR filter.

IIR filters also have complex phase responses. FIR filters have a constant phase delay at all frequencies.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 15 Mar 2001 10:45:22 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <agtaylor@llnl.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94183] Re: 500 v. 250 Filter Question
Message-ID: <200103151544.KAA07296@mail3.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 3/12/01 17:24, agtaylor@llnl.gov at agtaylor@llnl.gov wrote:

>ALL (ALL!!) filters ring.

Well, Crystal filters maybe, and certainly all analog filters. But there are classes of digital filters that do not. They are called Finite Impulse Response (FIR) filters. Because the output of the filter is not fed back to the input, they cannot ring.

Of course, to get any appreciable sharpness, an FIR filter requires so many taps that there are significant delays in the signal output.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 15 Mar 2001 15:58:51 -0000
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [94184] CW Coder for HTX-10
Message-ID: <F39TetpIuPHDXE2sCRB000019e7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I just finished first tests of Jim's (N5IB) design featured in April 2000 QRP Quarterly. So far, I am very pleased. I decided to try a design that used a PCB instead of "Manhattan" style.
2 reasons, really; 1) I REALLY like CIRCAD and this was a perfect project for the software 2) My skills aren't advanced enough for such a small design as featured in the article! I have been e-mailing with Jim, and he has helped me quite a bit. As usual for these things, I learned a TON of stuff, and still realize how much more I need to learn!
IF your still reading, I will describe a "condensed" version, and be happy to fill in details as requested. WARNING!!! Author is NOT a expert-only a newbie!
Circad did a great job designing the circuit. My finished board is ~ 3.5" x 5". Printed (Laser; Ink-jet doesn't work, I tried!) directly to overhead transparency film, then heat-transferred (ironed-on) to PCB. Used single sided PCB-MUCH cheaper, and you don't have to agitate for an HOUR like with two sided PCB's. For "professional" look, I also did the same for component side, ie, I "silk-screened" the traces and components on the front for a "guide". Looks pretty good!
After that it was just a matter of populating the board. Always the best

part, right? Easy with my handy dandy silk-screened guide!
I had to then solder the cable (6 wires) to the Vanco JCB C-6 connector and then to the relay and PCB. After that I reviewed/cross-checked, crossed my fingers, said a prayer, spit, then plugged 'er in! Cool! it worked! The relay chattered away-just like my old drake. Got out to check tone using my R/S DX 398 receiver. Had the XYL key dits (after I signed "KC0GXX TEST"-it was 0300z) Nice tone, about 800Hz. Cool!

Now to put it in a nice case, maybe even add side tone, some volume/on-off switches for tone, and dress it up a bit, and she's done. On to the next project... Now, where's that guy whose dog ate his 1/2 made radio and he wants to sell it? :)

Tom

KC0GXX

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 15 Mar 2001 16:04:08 +0000
From: Jack Bennett <J.Bennett@lboro.ac.uk>
To: qrp-1@lehigh.edu
Subject: [94185] CA3020 in UK
Message-ID: <3.0.6.32.20010315160408.007c04a0@staff-mailin.lboro.ac.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HI, For some of you guys who still have not found a source of CA3020's, I found some at :-

Mainline Electronics,
Manor Court,
The Ford,
Little Glen Road,
Glen Parva.
Leicester.
UK.

Tel:- 0116 286 5373

When I last talked to them they had 28 pieces by Harris, and they will accept credit cards.

73,

Jack
G3PVG.

Date: Thu, 15 Mar 2001 11:05:14 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [94186] Re: What does it mean?
Message-ID:
<4F76B3D4A76AD111803B00A0C9893D9C06ED8D2E@cninexchsrv05.crane.navy.mil>
MIME-Version: 1.0
Content-Type: text/plain

Man, take a chill pill. It isn't that big a deal, and it's not like it's the only thing on here that's off topic. After you chill out, try using the delete key.

73 de N9KH

Date: Thu, 15 Mar 2001 11:28:03 -0500 (EST)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: Bill Coleman <aa4lr@arrl.net>
Cc: QRP <qrp-l@Lehigh.EDU>
Subject: [94187] Re: 500 v. 250 Filter Question
Message-ID: <Pine.BSF.4.10.10103151127260.58782-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good answer.

So tell me, which commercial filters are IIR and which ones use FIR algorithms?

Henry

Date: Thu, 15 Mar 2001 11:32:19 -0500
From: "Adams, Mark" <madams@facilities.buffalo.edu>
To: "QRP-List (E-mail)" <qrp-l@lehigh.edu>
Subject: [94188] UniSolar Flex Panel Question

Message-ID: <D2337327FF8AD311939600A0C9B4175E11B7CF@facilities.buffalo.edu>

Hi Gang,

Do any of you have one of these solar panels? They come in 5W, 11W and 32W.
My questions is:

While I know that they can be rolled to a minumum 10" diameter, can they safely be transported in a suitcase layed flat inbetween clothes? Could you bounce a tennis ball off the panel without damage? I am trying to determine if one these could serve my home QTH and portable needs as opposed to buying a regular panel for home and a flex panel for /p work. I had a glass panel break in half under the weight of this years massive early snow here in WNY. (I will never again semi-permanently mount one of these outside without a PROPER frame.)

2. Just a comment -- I have looked all over for good prices on these and www.mrsolar.com has FB pricing on the UniSolar line. I have no financial interest in Mr. Solar, yada, yada.....

Mark S. Adams, P.E.
Facilities Safety/Construction Manager
University at Buffalo
220 Winspear Avenue
Buffalo, NY 14215-1034
Tel: 716-829-3301 Fax: 716-829-2704
Pager: 716-774-2260

Date: Thu, 15 Mar 2001 08:52:23 -0800
From: Bill Jones <kd7s@psnw.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [94189] Re: QRP kits for sale
Message-ID: <3AB0F347.93296B3@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A schematic for the "Micro-80" kit being offered by Oleg Borodin can be found at:

<http://www.hamradio.sk/QRP/Bastler/micro80/micro80.htm>

Oleg Borodin wrote:

>

> Two interest items for QRPers:
> - PCB for the smallest TRCVR "Micro-80" size 35 x 50 mm with schematic diagram
> \$5 (include post&packing);
> - full kit of parts incl.PCB of Micro-80 trcvr \$20 (p&p)
> The Micro-80 is a direct conventional trcvr for any singl band 80/40/30/20m
> CW with 4 transistors only, VX0, abt 300 mW output (C)RV3GM. The really
> smallest TCVR in the World. Cash only, please, keeping at dense paper to:
> Oleg V. Borodin
> Cosmonaut str. 19-74
> Lipetsk, RUSSIA, 398043

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Thu, 15 Mar 2001 09:55:02 -0500 (EST)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: qrp-l@lehigh.edu
Subject: [94190] K2 for sale
Message-ID: <Pine.OSF.4.05.10103150946320.28880-1000000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The K2 I built, finished mid-January, is for sale.
\$600 plus your choice of shipping.
Basic K2, cw, 80-10 m.
Filters setup with Spectogram. Working A-OK
as it should.
Built with temperature controlled Weller iron and Kester solder.
Minimal hours of use (essentially checked out on all bands)

(previous work include NC-40, NC-40A, NorCal Sierra, OHR Classic, SWL-30,
NC-20, Hafler/DynaKit audio; K1 now on the workbench)

tnx

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada
ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

-Information and comments herein are mine own and are separate and
independent of the electronic information gateways, pathways and

provider(s) utilized-

Date: Thu, 15 Mar 2001 10:36:50 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [94191] Kite Antenna
Message-ID: <95509081DF6CD411B2C700D0B78480120119E5AB@Mohawk.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Saw an earlier post about kite antennas, QST has an article about large lifting kites in the April 2000 issue (yes, THAT one). It has pictures and a short article about lifting a 160m ant. The author is Jay, NE2Q. The article is on page 49. The kite builder is Seab, AA1MY.

Doesn't look like an April Fool's joke, but read and see, looks interesting.

Mike, N4VBV

Date: Thu, 15 Mar 2001 12:32:27 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [94192] Re: NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D71@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I've soldered down pads--you might consider it as an alternative to super glue. It is pretty easy if you tin the pad and ground plane first.
--Zack W1VT

Date: Thu, 15 Mar 2001 11:34:57 -0600
From: "Richard Matthews" <prm@hiwaay.net>
To: <mike.majority@luke.af.mil>, <qrp-l@lehigh.edu>
Subject: [94193] Re: Kite Antenna
Message-ID: <000b01c0ad76\$42723120\$fb06b99d@huntsville.sparta.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Saw an earlier post about kite antennas, QST has an article about large
> lifting kites in the April 2000 issue (yes, THAT one). It has pictures and
a
> short article about lifting a 160m ant. The author is Jay, NE2Q. The
article
> is on page 49. The kite builder is Seab, AA1MY.
>
> Doesn't look like an April Fool's joke, but read and see, looks
> interesting.
>
> Mike, N4VBV

.....
.....

Also check out the NJQRP club site at
<http://www.njqrp.org/mbrproj/kite/kites.html> looks easy to build out of
common construction grade house wrapping plastic.
This is the AA1MY design also. Boy hams sure do have fun in a bunch of
ways.

73

Richard WA4NWW

Date: Thu, 15 Mar 2001 12:45:14 -0500
From: "Brian" <bmurrey@amexol.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [94194] Re: NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <000d01c0ad77\$b1fa2c90\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use hot glue. Works great!

----- Original Message -----
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, March 15, 2001 12:32 PM
Subject: Re: NO MORE Manhattan Style Construction - XYLs orders

> I've soldered down pads--you might consider it as an alternative to
> super glue. It is pretty easy if you tin the pad and ground plane first.
> --Zack W1VT
>

Date: Thu, 15 Mar 2001 10:48:52 -0700
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: zeekzilch@juno.com, CQC <cqclist@egroups.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [94195] RE: [CQCLIST] Hiking
Message-ID: <F9645092A142D3118CBD00805F15292E123F9873@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

Roger, I agree with you - the last big hike I went on (80 miles 6 days) I would have dumped most of my equipment if I had the option (way to out of shape for that kind of fun).

I think Derek mentioned he would take the radio to comfort me - I'm comforted and now I don't expect him to pack the weight - BUT he may want to do it for the fun of it so I'm getting the information he asked for.

I can't help it if he's nuts - he must have inherited it from his mothers side of the family.

Brad

> -----Original Message-----
> From: Roger J Wendell [SMTP:zeekzilch@juno.com]
> Sent: Wednesday, March 14, 2001 6:56 PM
> To: CQCLIST@yahoogroups.com
> Cc: CQCLIST@yahoogroups.com; qrp-1@lehigh.edu
> Subject: Re: [CQCLIST] Hiking
>
> Brad,
>
> As a parent myself I can appreciate your concern. Nevertheless, I would
> discourage him from taking any electronic equipment so that he can learn
> to enjoy the real world (what's left of it) for what it is. Also,
> despite his strength, he'll grow to resent any extra weight that isn't
> absolutely vital to the mission.
>

> WBOJNR
> http://www.ZeekZilch.com
>

Date: Thu, 15 Mar 2001 13:21:22 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: hduff@ica.net
Cc: qrp-1@lehigh.edu
Subject: [94196] Re: Pin Diode Switching Question
Message-ID: <200103151754.f2FHsYl02887@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> i.e., at 75 watts RF, you need 50 or 60 volts to bias the opposite diode
> in the off state.

>
> The overhead of having to design a separate high voltage power supply
> section just to deal with the PIN diodes
> seems a little extreme. Is there a better/ easier way to do this ?

>
Hugh,

It's common practice to rectify the RF output voltage to bias the pin diode off. You'll need a fast recovery diode with a couple hundred volt PIV for the rectifier. For QRP rigs I use a voltage doubler circuit, to ensure there is sufficient bias voltage at low power settings.

BTW, 1N4007 diodes make pretty good PIN diode switches and have a 1000 V PIV. But they don't work as rectifiers at RF.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 15 Mar 2001 09:54:54 -0800
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>, <kandrparker@sympatico.ca>
Subject: [94197] RE: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BDC-010315175454Z-822@ag-basalt-pxy.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

First off - this isn't a NG, it's a mailing list. There's a fundamental difference in how it works and how it behaves. The second thing is, the bigger and longer the mailing list has been running, the more off topic posts happen. It's just a fact of life with this sort of thing, no matter how tough the moderator happens to be..... The only other thing I can add is if you see a subject you don't like - there's your DEL key! This isn't a profane email, simply some education. As it stands, only about 10% of this lists members actually post anything - the rest lurk.... Just another fact.... Does having 90% of members lurk degrade this list?? I think not....

72

.mark

>-----

>From: ZOOM[SMTP:kandrparker@sympatico.ca]

>Sent: Wednesday, March 14, 2001 3:47 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

>

>I don't mind an unrelated post from time to time and the recipient
>responding but there were many that responded to this unrelated post. Most
>who didn't have a clue what it meant.

>

>To all those who sent me nasty e-mails:

>

>1. I question if your serious about this NG.

>2. I'm sure I'm not the only one that was somewhat frustrated deleting the
>unrelated posts.

>3. Allowing this type of free for all will kill this NG!

>4. If you don't agree, don't send me any more of your profane e-mails. I
>didn't think adults could act this way.

>

>Now lets talk some QRP!

>

>Regards,

>Robert

>VE3RPF

>

>

>----- Original Message -----

>From: "ZOOM" <kandrparker@sympatico.ca>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Wednesday, March 14, 2001 3:50 PM

>Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?

>
>
>> ENOUGH!
>> Who cares?
>> Can't you all reply off line?
>>
>>
>> ----- Original Message -----
>> From: "Rick Robinson" <rerobins@email.uncc.edu>
>> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>> Sent: Wednesday, March 14, 2001 9:53 AM
>> Subject: Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
>>
>>
>> > I just ran Laura's sig through freetranslation.com
>> >
>> > Que les nuages soient notre pied a terre What the clouds be our foot
>> has
>> > earth
>> >
>> > OK, I understand now.
>> >
>> > 72,
>> >
>> > Rick kf4ar
>> >
>> >
>> >
>> >
>> >
>> >
>> >
>>
>
>
>

Date: Thu, 15 Mar 2001 09:57:59 -0800
From: <schoon@amgt.com>
To: <k0awb@tcon1.com>, <qrp-1@Lehigh.EDU>
Subject: [94198] RE: NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BDC-010315175759Z-823@ag-basalt-pxy.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'm pretty dense when it comes to dogs, but did you check it's fur?? If you've every gotten too close to the end of the tube with your nose, you know it burns a little. I would think a dog wouldn't get two feet to the tube before its sinuses made it back off.... Oh, did you check the back of your pants!! :) Maybe shave the dog??? I know, I'm not helping much!! Good luck!

.mark

>-----
>From: Darrel Swenson[SMTP:k0awb@tcon1.com]
>Sent: Thursday, March 15, 2001 12:07 AM
>To: Low Power Amateur Radio Discussion
>Subject: NO MORE Manhattan Style Construction - XYLs orders
>
>Well... My Manhattan style construction is over... IA-QRP10 is 1/2 done
>and FOR SALE... XYL's orders....!
>
>While working on the project this evening... the small tube of "Krazy
>Glue" probably rolled off my work bench and onto the floor. Two to
>three minutes later when I wanted to glue down the next pad... I was
>unable to find the glue!
>
>It is now 5 hours later... We still have not found the tube of "Krazy
>Glue."
>
>Our best guess is that my wife's PRIZE "Shetland Sheep Dog"
>('Sheltie'... her hobby...!) spotted the glue under my chair... thought
>it was a treat... and 'wolfed it down.'
>
>After a trip to the 'doggie emergency room'... x-rays... etc... I still
>have to take the dog back to the vet in the morning for more x-rays...
>
>My billfold is a LOT LIGHTER... and more to come... (Dogs are not
>covered under health insurance...)
>
>No sign of the glue tube yet... but my shack is in a shambles... (I have
>looked EVERYWHERE!!) and still no glue tube... I know a lot more about a
>dogs intestinal track than I ever wanted to...!
>
>The good news is the glue is not toxic... The bad news is it is not
>stomach acid soluble... if it leaks... it sticks... (can you spell
>SURGERY...!)
>
>The K2 or the 817 is looking awful cheap at this point...
>
>I liked the pride of construction... but I really like that dog too!!!

>
>If you have small children, PLEASE BE REALLY CAREFUL WITH THE SUPPER
>GLUE...
>(enough said)
>
>72... Darrel... K0AWB...
>
>
>

Date: Thu, 15 Mar 2001 10:07:31 -0800 (PST)
From: Jim Cluett <w1pid@yahoo.com>
To: madams@facilities.buffalo.edu, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [94199] Re: UniSolar Flex Panel Question
Message-ID: <20010315180731.24706.qmail@web11604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Mark - Yes you can safely pack in
with clothes in a suitcase. and Yes,
you can hit it with a tennis ball. I have
a five watt panel. I roll it into a half
round and put it in a backpack for QRP
hiking. You won't break it. Jim
w1pid@arrl.net

Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
<http://auctions.yahoo.com/>

Date: Thu, 15 Mar 2001 13:35:00 EST
From: RangerSF5@aol.com
To: kandrparker@sympatico.ca, qrp-l@lehigh.edu
Subject: [94200] Re: Laura Halliday VE7LDH , WHAT DOES IT MEAN?
Message-ID: <a.a3482ac.27e26554@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/15/01 1:22:04 AM W. Europe Standard Time,
kandrparker@sympatico.ca writes:

<<

1. I question if your serious about this NG.
2. I'm sure I'm not the only one that was somewhat frustrated deleting the unrelated posts.
3. Allowing this type of free for all will kill this NG!
4. If you don't agree, don't send me any more of your profane e-mails. I didn't think adults could act this way.

>>

Don't feel bad PAL.

You should see the mail I get for making a typo in my post.

They all have a BIG MOUTH behind the keyboard.....aka NET LICE.

I seem to be good at bring them out of the wood work.

Back in my bunker

Bob

WA2HOQrp <tm>

Date: Thu, 15 Mar 2001 13:52:28 -0500

From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [94201] Rambling on

Message-ID:

<4F76B3D4A76AD111803B00A0C9893D9C06ED8D30@cninexchsrv05.crane.navy.mil>

MIME-Version: 1.0

Content-Type: text/plain

Gang,

Maybe some of the group likes to beat their head against the wall because it feels so good when they quit. I wonder also if those who complain so loudly about "OT" posts read every "on topic" post on the list. I enjoy some of the so called "off topic" posts to the group. Was the recent thread about experiences with lightning strictly on topic? I agree that some posts do not belong on this list. Politics, religion, sex, gun control and abortion are a few that come to mind at the moment. Strictly speaking, any post about a QRO rig is "off topic", but that doesn't mean there isn't something to be learned from these posts. For those who think the list is doomed if anything is posted that THEY don't feel is strictly QRP I would suggest a little decaf maybe. Perhaps some of those are the hard core contestester type who have little use for anything but a contest exchange. Take time to smell the roses before they end up on your casket. Flame away if you wish, I have my asbestos long johns on. Thanks for the BW.

73 de N9KH

Date: Thu, 15 Mar 2001 18:44:24 -0600
From: Robert G Seymour <bobsey1@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [94202] Fw: Re: NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <20010315.184806.-154841.0.Bobsey1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I also use hot glue. I make a thin slice and put it between the .032 pads and the substrate. An iron on the pad melts the glue and sticks it down. An advantage--if it isn't where you want it, heat the pad and slide it into the new position.

I got this idea from an article in QST several years ago and have used it ever since.

Bob WOLK

----- Forwarded message -----

From: "Brian" <bmmurray@amexol.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Thu, 15 Mar 2001 12:45:14 -0500
Subject: Re: NO MORE Manhattan Style Construction - XYLs orders
Message-ID: <000d01c0ad77\$b1fa2c90\$3d05080a@cincom.com>
References: <125490A005E3D3118C9C00805FC743CC016B9D71@kahless>
Reply-To: bmmurray@amexol.net
Received: from mx1.jersey.juno.com (mx1.jersey.juno.com [64.136.16.51])
by m11.jersey.juno.com with SMTP id AAA7MB995AAMK3E2
for <bobsey1@juno.com> (sender <owner-qrp-1@Lehigh.EDU>);
Thu, 15 Mar 2001 12:46:35 -0500 (EST)
Received: from astro.CC.Lehigh.EDU (astro.CC.Lehigh.EDU [128.180.39.2])
by mx1.jersey.juno.com with SMTP id AAA7MB994A5W4MUJ
(sender <owner-qrp-1@Lehigh.EDU>);
Thu, 15 Mar 2001 12:46:34 -0500 (EST)
Received: from localhost ([127.0.0.1]:34564 "HELO astro.CC.Lehigh.EDU")
by astro.CC.Lehigh.EDU with SMTP id <77630-13444>; Thu, 15 Mar 2001
12:46:03 -0500
Received: from nss4.CC.Lehigh.EDU ([128.180.39.1]:13760 "EHLO
nss4.cc.lehigh.edu") by astro.CC.Lehigh.EDU with ESMTP id <77616-13444>;
Thu, 15 Mar 2001 12:45:45 -0500
Received: from smtp1.amexol.net (psmtp1.array3.laserlink.net
[63.65.123.51] (may be forged))
by nss4.cc.lehigh.edu (8.11.2/8.11.1) with ESMTP id f2FHjhr56624
for <qrp-1@Lehigh.EDU>; Thu, 15 Mar 2001 12:45:44 -0500
Received: from bmmurraynt (stingray.cincom.com [198.8.67.3])
by smtp1.amexol.net (8.9.3/8.9.3) with SMTP id RAA09699

for <qrp-1@Lehigh.EDU>; Thu, 15 Mar 2001 17:45:41 GMT
X-Mailer: Microsoft Outlook Express 5.50.4133.2400
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Orcpt: rfc822;qrp-1@listserv.cc.lehigh.edu
Precedence: bulk
X-Priority: 3
X-To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
X-MSMail-Priority: Normal
Sender: owner-qrp-1@Lehigh.EDU
Return-Path: <owner-qrp-1@Lehigh.EDU>
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400

I use hot glue. Works great!

----- Original Message -----

From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 15, 2001 12:32 PM
Subject: Re: NO MORE Manhattan Style Construction - XYLs orders

> I've soldered down pads--you might consider it as an alternative to
> super glue. It is pretty easy if you tin the pad and ground plane
first.
> --Zack W1VT
>

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 15 Mar 2001 11:02:37 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [94203] Epiphyte
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099801EF@blaze.bcscc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Are there any schematics and/or construction articles still available for the 75m Epiphyte QRP rig? Can these be found anywhere on the web? I've searched and can't find a thing.

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Thu, 15 Mar 2001 11:05:10 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [94204] AL7FS in Nagoya Japan for two weeks?
Message-ID: <3AB12076.92F73DC0@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska.

Are there any QRPers in the Nagoya Japan area? I will be there for two weeks starting March 17 and ending March 31. I can be reached in Nagoya via email at <mailto:AL7FS2001@hotmail.com>
It might be fun to get together but I must warn you, I don't speak Japanese. :-)

The reciprocal license is too expensive at \$100 but I am bringing along my Small Wonder Labs SW40+ and my NorCal SST-20 just to listen.

Thank you.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Thu, 15 Mar 2001 15:18:11 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [94205] QSL route-finder via email
Message-ID: <001901c0ad8d\$109d1d60\$5b7abc18@johnharp>
MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

For all you Juno users out there, here is an email address that will find and return to you the QSL route info of that rare DX station you worked. Leave the "Subject" field blank and type in the station's call sign in the main field, send it and less than 15 seconds later you'll have the info in your In Box.

Neat, ain't it?!

qsl.f6kpo@eudil.fr

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

Date: Thu, 15 Mar 2001 14:20:22 -0600
From: "James Parsons" <res075cz@gte.net>
To: <qrp-1@lehigh.edu>, <cw@qth.net>, <elecraft@qth.net>
Subject: [94206] Verizon (GTE) mail down..
Message-ID: <019701c0ad8d\$68a03e20\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Verizon (GTE) mail has been down for the past three or four days. It is only partially up at this time. It appears mail sent early in the outage has been lost; Verizon is not saying. If you have sent me or other Verizon users mail and we have not replied, it is because we did not receive it. I don't want my friends thinking I am ignoring them...hi.

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Thu, 15 Mar 2001 15:54:21 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: wa8mcq@erols.com
Cc: qrp-1@lehigh.edu
Subject: [94207] qrp-1 archive files
Message-ID: <v03102811b6d6d774a2d2@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike WA8MCQ writes regarding archived information;

>Go to the qrp-1 home page at <http://qrp.lehigh.edu/lists/qrp-1/>

Thanks for the reminder Mike, I always forget to go to the qrp-1 archives. It should be the first stop when looking for info. Within minutes I found a copy of Mike's excellent toroid inductance chart that I had been searching for. I'd been digging through all my back issues of QQ looking for it.

Anyone who winds toroids, yes some of us enjoy winding toroids <g>, needs to go to the qrp-1 archives and get a copy of toroidcharts.mcq.Z Mike has a chart not only of inductance per # of turns, but also a chart of how long your wire needs to be to wind X number of turns on the most commonly used cores. It's a must for any homebrewer. I've cut the charts out and laminated them for use on my bench.

If you're like me and have a drawer of type 43 and 61 ferrites mixed together, Mike's chart can help you sort them easily with an LC meter and a turn or 2 of wire. It's a snap from the chart to read the inductance from a turn or 2 on an unknown core and determine whether it's a 43 or 61. You can also use it to roughly determine the AI value of those odd colored "hamfest special" cores.

72,

Rick kf4ar

Date: Thu, 15 Mar 2001 13:30:49 -0800
From: Jeff Grudin <grudin@vdbbs.com>
To: qrp-1@lehigh.edu
Subject: [94208] Re: UniSolar Flex Panel Question
Message-ID: <3AB13489.8E164E9F@vdbbs.com>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I tie mine to the outside of my pack and charge the batteries while I hike. I have also tied it over the boom on my sailboat. I haven't tried hitting it with anything, but it seems quite sturdy.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Thu, 15 Mar 01 23:21:49 +0300
From: Oleg Borodin <Oleg.Borodin@p11.f35.n5036.z2.fidonet.org>
To: qrp-l@lehigh.edu
Subject: [94209] Elucidation for QRP kits Micro-80
Message-ID: <984701326@p11.f35.n5036.z2.ftn>

Thanks All who wrote messages and questions for the Micro-80 kits.

Answering:

- prices of \$5 (PCB) and \$20 (full kit of parts) include post & packing of a simple post-packet. Schematic diagram and plan of PCB are include. The kit of micro-transceiver are: pcb, 4 transistors, 5 resistors, 8 capacitors, ferrit toroid with a wire, description and scheme. No Xtals, sorry. You may build the trcvr for any QRP-freqs of 160/80/40/30/20 m BAND. The power on low-bands is ~300 mW, on 20m is smaller ~150 mW. I'm not try 15 m band, but I think it's not good work for it too simple rig. I'm experimentated with LW between two 12-storey buildings, the best DX on 20m are VE2KN, PY7FNE (two-way QRP both); a lot of Europeans on 40&20 m.

Pay only transfer by Western Union system for my name in Lipetsk, Russia. After send me your name/address and a number of transfer by Net-Mail. NOT SEND A CASH IN ENVELOPE, please! I find out it's prohibid.

And a p.s. : those who not beleive, write me personally, please, I send you a Micro-trx without pay ;-)

eng. Oleg V. Borodin 15 p 2001 23:21
... God keep & bless you...

Date: Thu, 15 Mar 2001 14:24:41 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [94210] Virginia QSO Party
Message-ID: <20010315222441.10685.qmail@web803.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The Virginia QSO party is this weekend, and there is a QRP section. Check QST for rules and web page.

I will be running the Sterling Park ARC club station K4NVA. A contact with us is worth 500 points. Hope to work you all.

73, and have some radio fun.

Bill, KC4ATU

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Thu, 15 Mar 2001 17:35:40 EST
From: KF4YYD@aol.com
To: <qrp-l@lehigh.edu>
Subject: [94211] Re: Pin Diode Switching Question
Message-ID: <3d.8d37008.27e29dbc@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I was always under the impression that PIN Diodes were used as low level switches in the VHF through microwave region, and that their characteristics did not make them very applicable for HF use. Who knows I could be confusing them with Hot carrier diodes...

Hugh, when you get the answer could you pass it along to me? I'm curious to see where I got lost in regards to diode theory and uses.

73, de Tom kf4yyd

Date: Thu, 15 Mar 2001 08:53:50 -0500
From: Somerville <somerville@uniserve.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [94212] Re: Spectral Analysis of DSP
Message-ID: <3AB0C96D.E502CE64@uniserve.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What sampling frequency relative to the carrier is required for successful Adaptive Filter operation?

73 John VE7CFG

"Karl F. Larsen" wrote:

> I'm getting the strong feeling that the method I used to measure
> K-2 and Kenwood filters will not work for the Adaptive Filter found in DSP
> filters....
>
>

Date: Thu, 15 Mar 2001 14:50:41 -0800 (PST)
From: agtaylor@llnl.gov
To: qrp-1@lehigh.edu
Subject: [94213] Re: Fun QRP Sprint on March 26
Message-ID: <200103152250.0AA15300@poptop.llnl.gov>
MIME-Version: 1.0
Content-Type: TEXT/plain; CHARSET=US-ASCII

Bob, N7XJ, and I will be operating this sprint from a field location in SE Utah. Look for some combination of N7XJ, K7GT, or NC7X!

73 K7GT

--

Allan G Taylor

agtaylor@llnl.gov

Date: Thu, 15 Mar 2001 22:52:53
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: somerville@uniserve.com, qrp-1@Lehigh.EDU
Subject: [94214] Re: Spectral Analysis of DSP
Message-ID: <F4433G0e6hLT2R00NwI000017f9@hotmail.com>

Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Sampling at a rate twice the highest frequency component is necessary and sufficient. You are going to have quite a problem determining the static response of an adaptive DSP system because its response is dynamic. For example, in SSB mode, they are designed to search for and destroy any constant carriers. When given white noise as an input they will behave quite differently from when there are signals present with different spectral signatures. Good luck!

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 15 Mar 2001 18:11:32 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [94215] FOX: Final data
Message-ID: <000701c0ada5\$4706a200\$f1b64d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hounds: the QRP-L Committee has not forgotten you.

Logs for hunts 39, 40, 41 and 42, and the FINAL TALLY will be posted soon.

Tom, N1TP
Naples, Florida

Date: Thu, 15 Mar 2001 17:11:54 -0600
From: "Kelly Ellison" <kelman@diadnet.net>
To: <qrp-l@lehigh.EDU>
Subject: [94216] WTB: MP-1 or PW-1 & ZM-2.
Message-ID: <002301c0ada5\$541a6940\$cdc9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All.

Can not reach W6MMA via Email.
Looking for MP-1 or PW-1 antenna new or used.

Also looking for built ZM-2.

Please contact me directly with price and condition. Would like to get these to use them with my new FT-817.
Thank you,

Kelly Ellison - WB0WQS QRP-L #702.

Date: Thu, 15 Mar 2001 17:38:33 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: n1tp@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [94217] Re: FOX: Final data
Message-ID: <3.0.2.32.20010315173833.00a262b0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Tom and All,

The Fox contest represents. I for one greatly appreciate the fox hunts and all the work that goes into making them happen.

>Hounds: the QRP-L Committee has not forgotten you.
>
>Logs for hunts 39, 40, 41 and 42, and the FINAL TALLY will be posted soon.
>
>Tom, N1TP
>Naples, Florida =20
>
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP web =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 82, States - 30, DX - 23, 3W to HF9V (or W9INN Inv V)

Date: Thu, 15 Mar 2001 18:51:50 -0500
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [94218] Re: Pin Diode Switching Question
Message-ID: <3.0.5.32.20010315185150.0079ce30@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:35 PM 3/15/2001 EST, you wrote:

>I was always under the impression that PIN Diodes were used as low level
switches in the VHF through microwave region, and that their
characteristics did not make them very applicable for HF use. Who knows I
could be confusing them with Hot carrier diodes...
>

Your impression is quite correct Tom. However during the past 10 years or
so considerable progress has been made in PIN diode technology. They are
now available in packages that will work at HF AND will handle considerable
power. Several years ago Micro Semi Corp published a paper detailing how a
pair of their new PIN diodes (UM2300's ??) were used for a T/R switch with
1500 watts at HF. Also, outboard pin diode T/R switches for HF linear amps
have been available for a number of years (Ameritron's being the most
prominent). ET0/Alpha have been using built-in pin diode switches in some
of their amps for number of years as well.

Just a little update.....Phil

>Hugh, when you get the answer could you pass it along to me? I'm curious
to see where I got lost in regards to diode theory and uses.
>
>73, de Tom kf4yyd
>
>

End of QRP-L Digest 2128

